



LUBRIPLATE.

MATERIAL SAFETY DATA SHEET

PORST
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01/01/92

LUBRIPLATE Gear Shield Extra Heavy,
Gear Shield Heavy, Gear Shield

Section I

000698

PRODUCT NAME OR NUMBER LUBRIPLATE "Gear Shield" Series	FORMULA Lithium Soap, Mineral Oil and Additives
Manufacturer's Name Fiske Brothers Refining Co.	Emergency Telephone Number 201-589-9150
Address (Plumber, Street, City, State, and ZIP Code) 129 Lockwood St., Newark, NJ 07105	Telephone Number for Information 201-589-9150

Section II — Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Non-hazardous				

Hazardous Material Identification System (HMIS): Health-1, Flammability-1, Reactivity-0

Section III — Physical/Chemical Characteristics

Boiling Point	> 550°F	Specific Gravity (H ₂ O = 1)	0.95-0.98
Vapor Pressure (mm Hg.)	< 0.01	Melting Point	Semi-solid
Density (AIR = 1)	> 5	Evaporation Rate (Butyl Acetate = 1)	< 0.01

Solubility in Water

Negligible

Appearance and Odor

Black grease with mineral oil odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) COC - 400°F	Flammable Limits	LEL 0.9%	UEL 7.0%
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Extinguishing Media

Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog)

Special Fire Fighting Procedures

Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.

Unusual Fire and Explosion Hazards

Do not store or mix with strong oxidants. Empty containers retain residue.

Do not cut, drill, grind, or weld, as they may explode.

Section V — Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable	x	

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.

Decomposition or Byproducts

May form SO₂.

If incomplete combustion, carbon monoxide.

Hazardous Polymerization	May Occur	Conditions to Avoid	N/A
	Will Not Occur	x	

USEPA SF



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SECTION VI HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5 mg/m³ for oil mist in air. OSHA Regulation 29 CFR 1910.1000

EFFECTS OF OVEREXPOSURE

Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician. SKIN CONTACT: Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body. INHALATION: Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.

INGESTION: If ingested, call a physician immediately. Do not induce vomiting.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Scrape up grease, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

WASTE DISPOSAL METHOD

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.

SARA/TITLE III, Section 313 Status - Zinc Compounds - (<5% of Zn)

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Normally not needed

VENTILATION	LOCAL EXHAUST	SPECIAL
	Use to capture fumes and vapors.	N/A
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES
Use oil-resistant gloves, if needed.

EYE PROTECTION
If chance of eye contact, wear goggles.

OTHER PROTECTIVE EQUIPMENT
Use oil-resistant apron, if needed.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

OTHER PRECAUTIONS

Remove oil-soaked clothing and launder before reuse. Clean skin thoroughly after contact.

DATE PREPARED January 1992

PREPARED BY: Robert J. Sibilia